

10/582246

AP3 Rec'd PCT/PTO 09 JUN 2004

Attorney Docket No. 2003P01540WOUS

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Egbert Classen et al

Application Number: Unassigned

Filing Date: Concurrently Herewith

Group Art Unit:

Examiner:

Title: DISHWASHING MACHINE HAVING A DOSING DEVICE
FOR ADDITIVES AND ASSOCIATED METHOD

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.98, I am submitting a completed "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" (*Form PTO/SB/08A*) with patents and/or publications as delineated therein attached.

EP 0 392 196 discloses that in a filling-level monitoring device for a supply and dispensing unit for washing or rinsing agents, the container filling levels (TF) at which a signalling device responds in order to indicate the need for replenishing a washing or rinsing agent each correspond to a residual filling quantity (RFM) in each container (BV,BF,BW,BB) which is sufficient for at most five doses of the same agent, each of at most 120 ml. This gives a request for replenishment some degree of urgency, and therefore the attendant will fill up the particular container as soon as possible while inconvenience will be avoided.

DE 195 11 789 discloses a volumetric dispensing and discharging unit for liquid detergents and additives is for household washing machines and dishwashers. It has a dispensing chamber with an adjustable volume controlled by a control unit (31) operated by means of a timer (32). The control unit (31) controls the transfer of detergent and additives from a container (110) into the dispensing chamber and then from there into the washing space (37) of the machine. An additional device (23) is provided for regulating a changeable

volume of the dispensing chamber in accordance with changing amounts of detergent and additives to be introduced into the wash space of the machine.

DE 100 10 194 discloses the production of micro- and/or nano-capsules comprises mixing together the starting materials for the capsules under laminar conditions and encapsulating in the conventional manner.

DE 38 12 109 discloses that the chamber-like detergent-feeding devices built into a door of a dishwasher can be closed by a lid. They serve to receive powdered detergent and clear rinses. The detergent-feeding device is also to be suitable for liquid detergent. In order to be able to add liquid detergent in a precisely metered amount into the cleaning chamber of the appliance, a motor-driven pump in connection with a storage container for the detergent is arranged in the device housing. With the detergent-feeding device, a defined amount of detergent is sucked out of the storage container via the pump and dispensed into the appliance in a precisely metered fashion via a dispensing part.

DE 40 18 582 discloses that the commercial dishwasher has at least one washing-tank (7) for circulating washing-water (2). It has a supply-pipe (3) for a liq. washing-agent (6), with a metering-pump (8) in the supply-pipe (3). Directly in front of the opening into the washing-tank (7) in the supply-pipe (3) is an injector nozzle (9) with a suction-pipe (10) to at least one storage container (1) for a liq. additive (12).

DE 32 37 785 discloses that an apparatus for the individual metered conveyance of a plurality of pumpable active substances from a respective supply container into a common working container and for mixing the conveyed active substances with a working medium is to be so reduced in size and simplified that no cost-related obstacles oppose its use for consumer products. The solution for achieving this object is that the supply containers (1-5) and a working-medium intake line (11) can be connected via individually controllable valves (12-17) to a collecting channel (19), the collecting outlet (20) of which can be connected to the working container (35) via a pump (21) closing in an air-tight manner. Such an apparatus can advantageously be employed for the individual metered conveyance of pumpable detergent active substances, to be mixed with the working medium water, from supply containers into the tub of a washing machine.

If no translation of pertinent portions of any foreign language patents or publications mentioned within the "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" is included with the aforementioned copies of those applications, patents and/or publications,

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it is because no existing translation is readily available to the Applicants. As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned US patents and US patent application publications are submitted for this application which was filed after June 30, 2003.

Respectfully submitted



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June 9, 2006

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First Named Inventor	Egbert Classen et al
Art Unit	
Examiner Name	
Attorney Docket Number	2003P01540WOUS

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ^o
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
		DE 82 32 215	04-26-1984	Bosch und Siemens Ha		
		AT 006 023	03-25-2003	Hagleitner Betriebshygi		
		WO 02/058528	08-01-2002	Richard P. McNabb et a		✓
		DE 38 12 109	10-26-1989	Schwarzwaelder Uhrwe		
		GB 2 288 191	10-11-1995	Robert A. Butler		✓
		DE 40 18 582	12-12-1991	Friedel Rinas		

Date
Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						T ⁵
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		DE 32 37 785	09-15-1983	Manfred Krueger		
		International Search Report PCT/EP2004/053343				✓

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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